(Last updated: 10/9/2019)

Intro

Welcome to the world of V1! As you probably already know, V1 is very different from its successor engines, and there are a lot of things unique to it that aren't found in the others. Unfortunately, the fact remains that it's an officially-unsupported program that's over a decade old, and that means it doesn't play quite nicely on newer operating systems (specifically, Windows 7 and later).

So, here's a guide to help you through the installation process!
This explains how to do a clean install that will hopefully minimize any future problems that might arise otherwise, and how to salvage potential botched uninstallations (which usually occur when attempting to do a reinstall, only for something to go wrong during the process and reinstallation to become impossible).

Before we begin, I should note that V1 tends to be a bit fickle; it tends to have different behavior on different people's computers, and therefore I can't guarantee the guide below will work for everyone. So far, everyone I've talked to who's followed the instructions below seems to have had success, but I can't guarantee it for everyone. As a result, if it still does something weird after the process, I unfortunately can't provide any extra help. Sorry!
Also, note that a lot of this information is based on guesswork, and there's a good chance a lot of it is overkill (possibly half my "run as administrator" advice really may not be necessary). But in any case, following all these steps should theoretically lead to a clean install, even if we're overdoing it a bit.
There are cases of successful installations where at least some of these guidelines haven't been followed. However, anecdotal evidence leads to those cases being somewhat of a gamble, whereas following all the instructions below has a much higher chance of success and a smoother experience afterwards, so I would advise following it as closely as you can.

Clean installation

The following guide is a translated and paraphrased version of IceimoP (アイス芋P)'s V1 on Windows 7 installation guide, with some addendums to account for changes in Windows 10.
助けてくれてありがとうございます！
Note that I unfortunately couldn't add a lot of pictures to this guide (as I didn't want to risk running a reinstall cycle just to get them), so it may be helpful to refer to the pictures there in order to get a better idea.

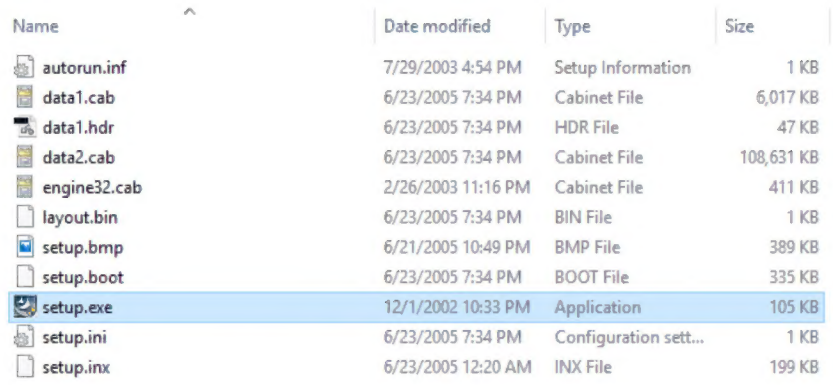
Summarizing the basics of what we need to do beyond ordinary installation:

1. We need to set the installer's compatibility mode to that of a supported OS
2. We need to **not** install the program to the Program Files folder

3. We need to disable visual themes in the installer (this is the trickiest part if you're on Windows 10).

Priming the installer

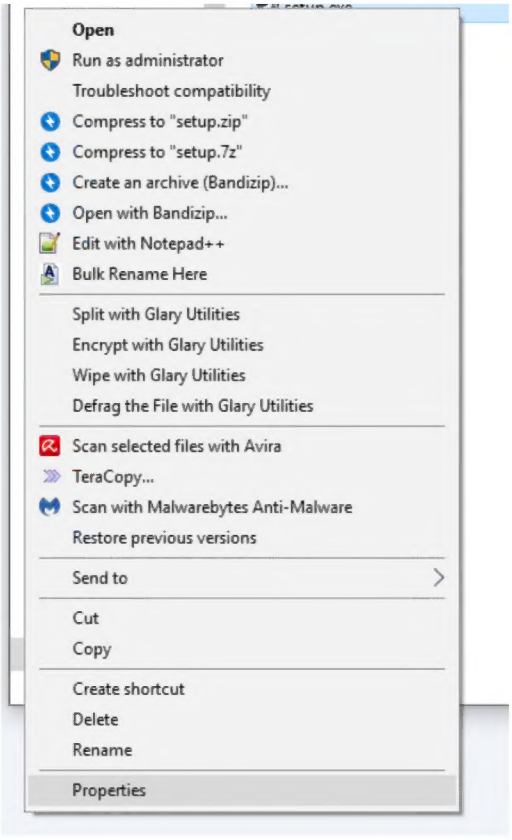
So first, we need to access the installer.
For download versions, that should be apparent.
For package versions, insert the CD, then choose to look at the files when prompted instead of running the installer. (Or you can access it from My Computer/This PC...I assume you know enough about computers to figure this out.)
It should look something like this.



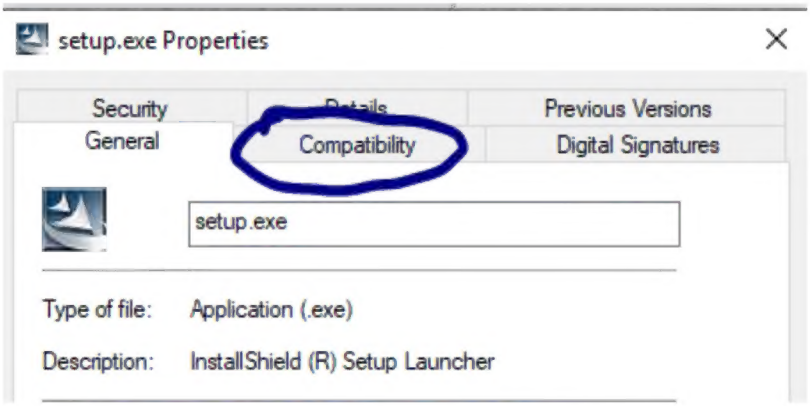
Name	Date modified	Type	Size
autorun.inf	7/29/2003 4:54 PM	Setup Information	1 KB
data1.cab	6/23/2005 7:34 PM	Cabinet File	6,017 KB
data1.hdr	6/23/2005 7:34 PM	HDR File	47 KB
data2.cab	6/23/2005 7:34 PM	Cabinet File	108,631 KB
engine32.cab	2/26/2003 11:16 PM	Cabinet File	411 KB
layout.bin	6/23/2005 7:34 PM	BIN File	1 KB
setup.bmp	6/21/2005 10:49 PM	BMP File	389 KB
setup.boot	6/23/2005 7:34 PM	BOOT File	335 KB
setup.exe	12/1/2002 10:33 PM	Application	105 KB
setup.ini	6/23/2005 7:34 PM	Configuration sett...	1 KB
setup.inx	6/23/2005 12:20 AM	INX File	199 KB

(This is for KAITO. It may not look *exactly* like this, but this general setup should be present.)
Personally, I like to rip the installation files and store them in an external hard drive for safekeeping in case something happens to the disk, but that's up to you. Just make sure you get it in your preferred location *first* before you continue.

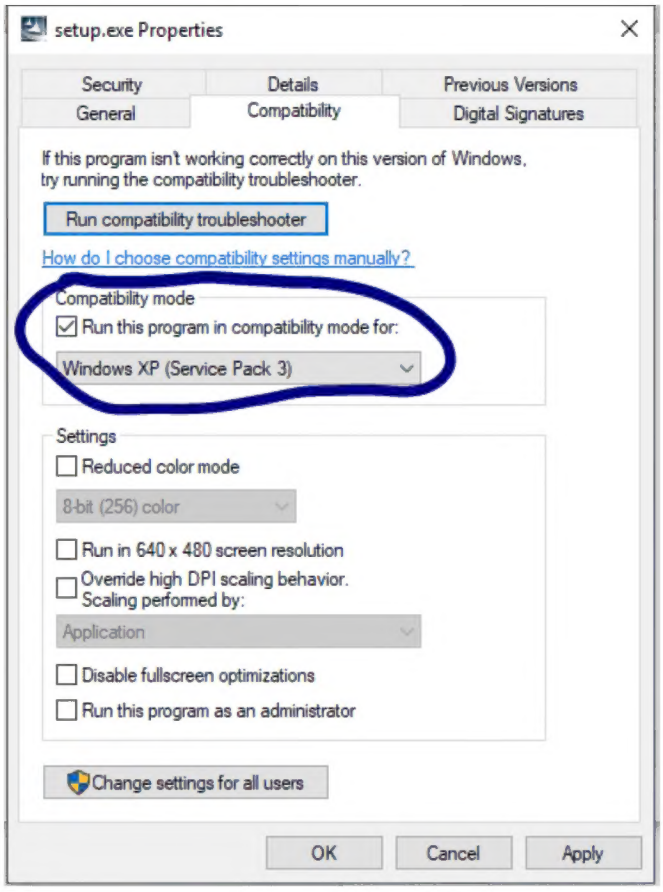
In any case, right-click the setup.exe file, and click Properties (please excuse the fact I have too many programs)



which should yield a menu like this, which has a “Compatibility” tab you want to click on:



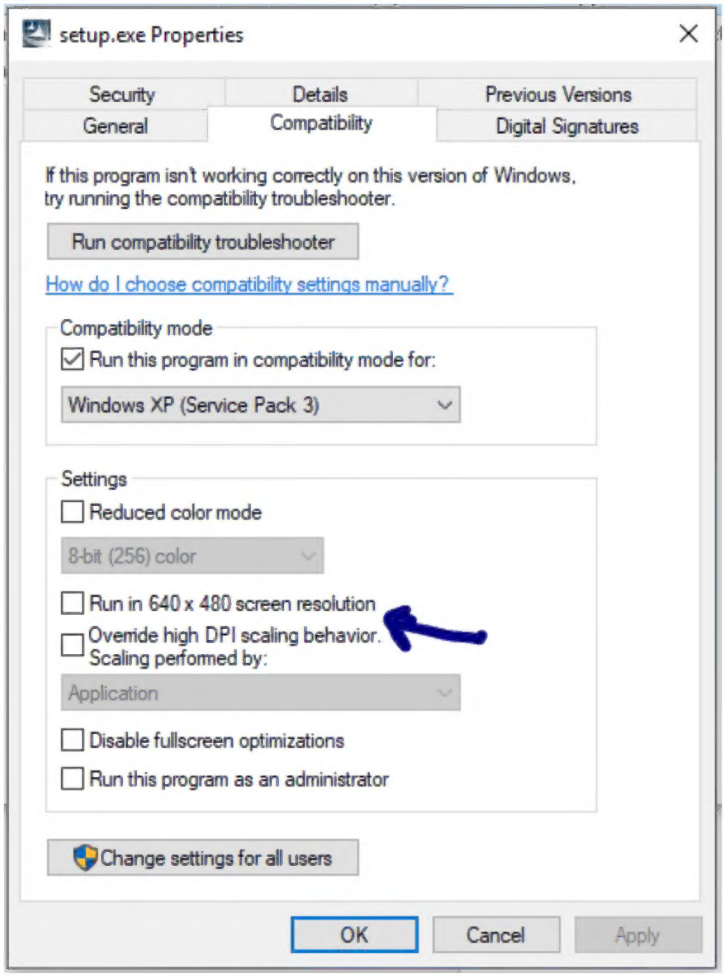
First, **let’s set compatibility mode**.



Check the box “Run this program in compatibility mode for:”
IceimoP suggests selecting “Windows 2000”, but that option isn’t available in Windows 10. Personally, I find “Windows XP (Service Pack 3)”, which was also very much an OS that V1 supported, to work perfectly fine as well.

Secondly, **let’s disable visual themes**.

Check the option “Disable visual themes”...



...which should be there (under “Run in 640 x 480 screen resolution”) *unless* you’re on Windows 10, like I am, which is why I couldn’t get a good picture.

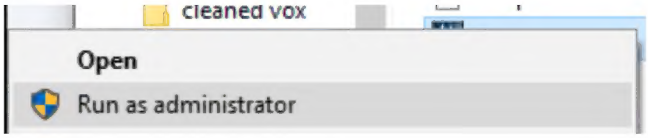
Click OK. Once you’ve done that:

- **If you’re a Windows 10 user, refer to the appendix to disable those**.
- Otherwise, or once that’s done, proceed to “Installation”.

Installation

Before we continue, note that **if you’ve moved the installer anywhere or renamed the file or file path** after setting compatibility mode and disabling visual themes, **you’ll need to do it again**. So try to set that all up before you start shifting things around. (This also includes if you’ve done it by the registry -- hence why I didn’t want to bother renaming files!)

Once you’ve done this for every Vocaloid library installer you’re planning on running, you can start the installer.



Right-click the setup.exe file, and click “Run as administrator”, then click “Yes” when prompted. (Actually, I’m not sure how much running as admin is actually required, but there’s nothing wrong with doing it, and I have yet to see what happens when you don’t.)

"Welcome to the InstallShield Wizard" → Click Next.
“Choose Destination Location” → All right, let’s stop for a moment.

By default, the installer will try to install to something like “C:\Program Files (x86)\VOCALOID”, but **this is something you *don’t* want to do**.
The reason is that Windows 7 overhauled how program permissions are handled, meaning it restricts the ability for files in the Program Files folders to be easily modified. However, programs made before Windows 7 aren’t programmed to expect that, so it causes things to get thrown off.
In short: it’s bad, don’t do it.

Instead, let’s make a new folder in the C: drive.
In the window that pops up, change "C:\Program Files (x86)\VOCALOID" (or whatever's in there) to "**C:\LegacyApps\VOCALOID**".

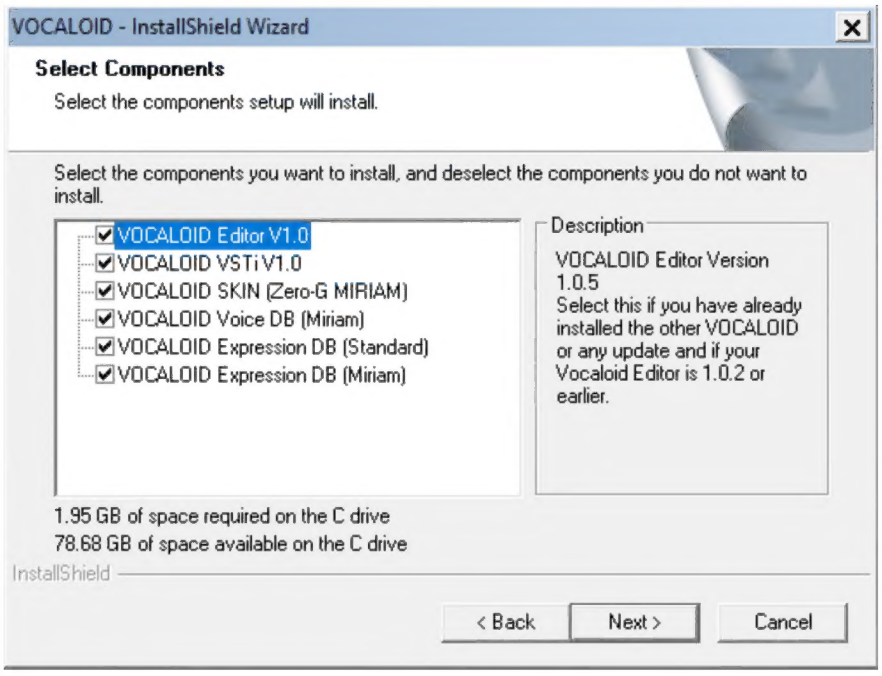
!!!!!!!!!! IMPORTANT !!!!!!!!!!
Do not use a different file path from the one written in this guide. And *especially* not to install it on a different drive (V1 has known volatile reactions to being installed on any drive other than C.) The following steps depend on it.
!!!

Click OK. If the folder doesn’t already exist (it probably doesn’t, if this is your first time installing a V1), it might ask you if it’s okay to make the folder, so click OK to that.
Note that the option to change the file path won’t appear if you’ve already installed a V1.

Once that's done, click Next.

“Setup Type” → Select **Custom**, and then select Next.

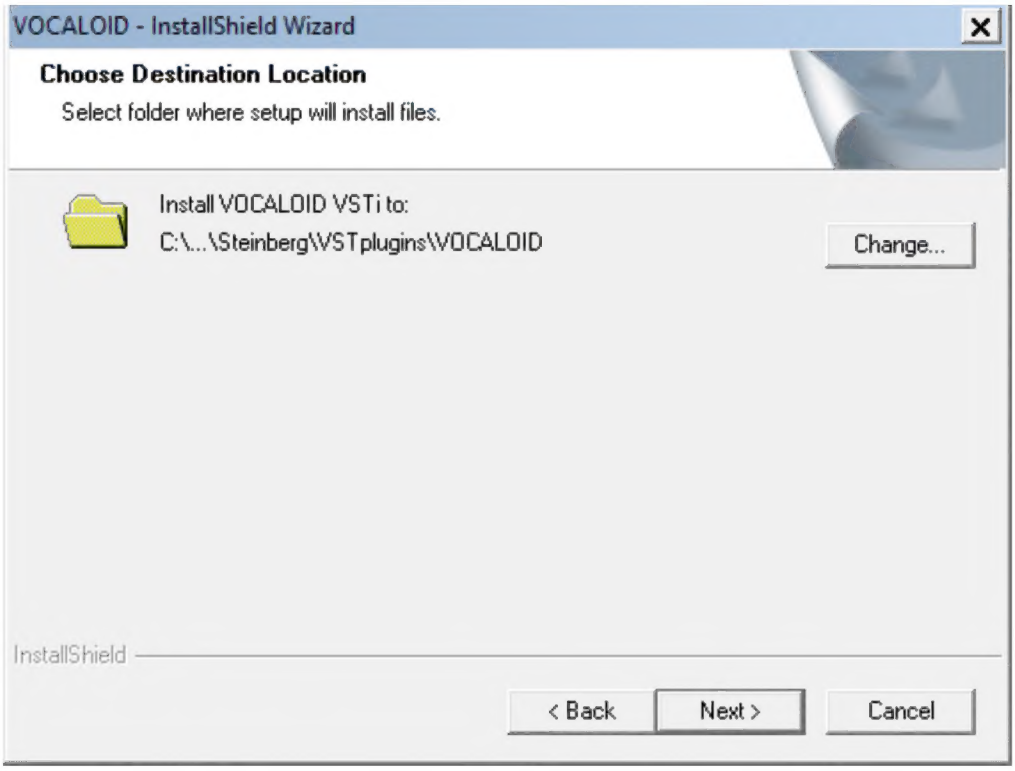
The screen should look like this.


VOCALOID - InstallShield Wizard
Select Components
Select the components setup will install.
Select the components you want to install, and deselect the components you do not want to install.
VOCALOID Editor V1.0
VOCALOID VSTi V1.0
VOCALOID SKIN (Zero-G MIRIAM)
VOCALOID Voice DB (Miriam)
VOCALOID Expression DB (Standard)
VOCALOID Expression DB (Miriam)
Description
VOCALOID Editor Version 1.0.5
Select this if you have already installed the other VOCALOID or any update and if your Vocaloid Editor is 1.0.2 or earlier.
1.95 GB of space required on the C drive
78.68 GB of space available on the C drive
InstallShield
< Back
Next >
Cancel

At this point we want to make sure we're not installing things multiple times, and we also want to avoid the potential danger of trying to install an older version of something on top of another, so let's ask ourselves the following question: **Is there currently another V1 installed on this computer**? (For instance, if I'd already installed LEON before moving onto MIRIAM.)

- If the answer is **yes**: **uncheck the Editor, VSTi, and Expression DB (Standard) boxes**. (You can leave the Expression DBs that are labeled with LEON, LOLA, and MIRIAM's; those are unique to each library.)
- If the answer is **no**: go ahead and just click Next.

Choose Destination Location → Once again, we need to stop here.



Again, we want to change the file path, so change “C:\Program Files\Steinberg\VSTplugins\VOCALOID” to “C:\LegacyApps\Steinberg\VSTplugins\VOCALOID”.

Note that if you currently have a folder for VSTs that you feed into your DAW, go ahead and route it to that folder instead, even if it’s in Program Files. (If you don’t know what that is, ignore that sentence.)

Click Next. This should finally start the install, so wait it out.

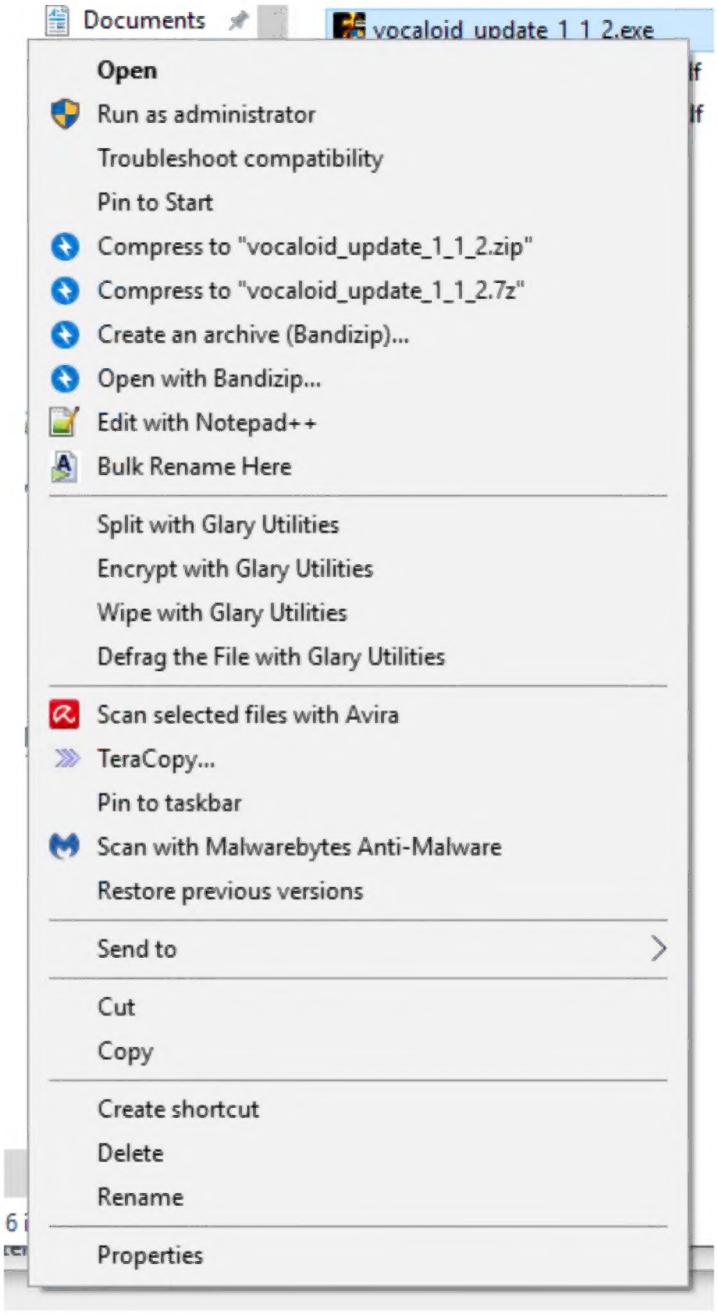
Once it’s done (and hopefully it all worked out!), it should prompt you to activate, but **do not activate yet**. Instead, just click No, click OK at the welcome message, and then **choose to restart** when prompted. (Yes, even if you think it’s unnecessary. This really isn’t the time to be taking chances!)

Updating

Before we begin, something to keep in mind: current shipments of MEIKO and KAITO are prepackaged with 1.1, meaning you might get the idea they don’t need to be updated, but MEIKO comes with what the installer claims to be 1.1.0 while KAITO comes with 1.1.1. Those versions actually have some glitches, so you’ll still need to update.

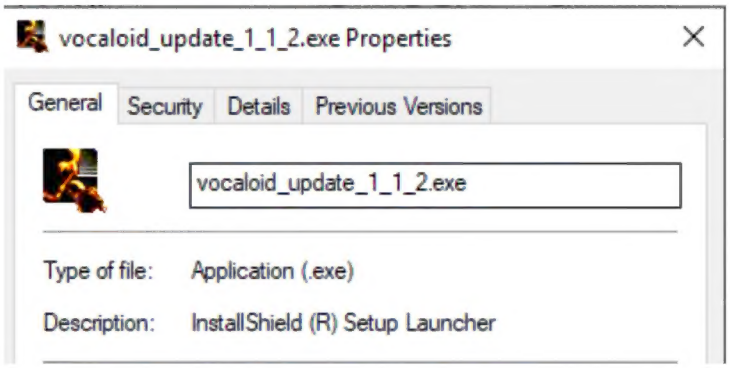
If you don’t have it already, you’ll need a copy of the 1.1.2 installer.

We need to set the updater to have the same compatibility and visual themes settings as the installer. So, go to the installer, right-click it, and select Properties.



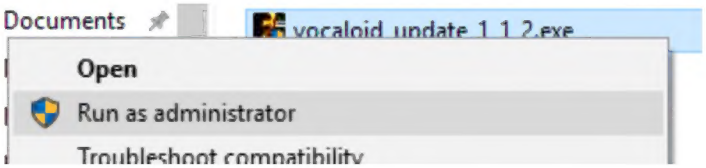
Now if you can, follow the instructions as was done in “Priming the installer”: set compatibility mode to Windows XP SP3 and disable visual themes (using the registry if needed).

However, there’s a chance the Properties window might end up looking like this instead:



If it looks like this, again, refer to the appendix so we can set this manually via regedit.

Once you're done, run as administrator.



Go through installation (no need to change anything) and **restart**.

Final setup

Download this file and run it. (Don't worry, it's nothing dangerous in the slightest; it's just streamlining the visual themes disabling process.)

If this link is dead, open up Notepad and copy and paste the following non-italicized text:

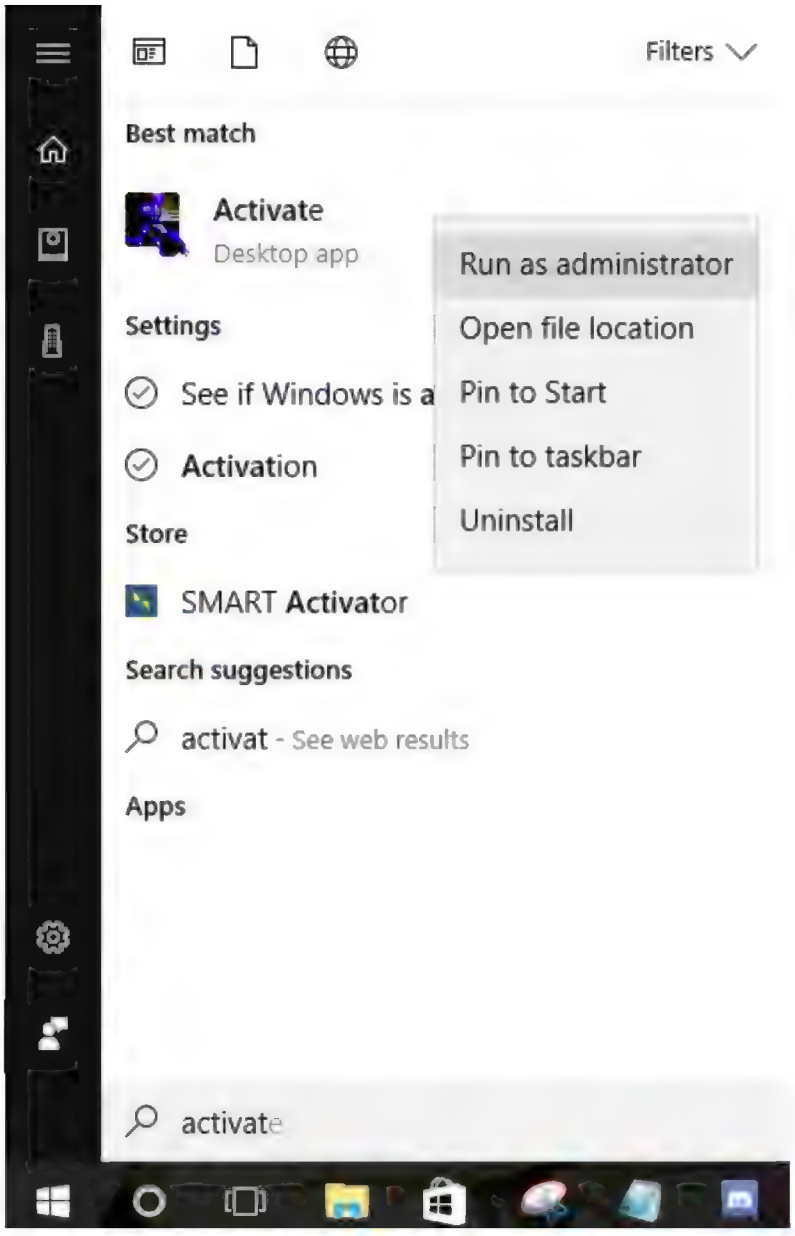
```
Windows Registry Editor Version 5.00

[HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\AppCompatFlags\Layers]
"C:\\LegacyApps\\VOCALOID\\VOCALOID.exe"="~^ RUNASADMIN DISABLETHEMES DISABLEDWM"
```

Then save it as a file named "v3.reg" and run it. Make sure you're copy and pasting the lines exactly as is.

Activation

Run the "Activate" tool. It should be in the Start Menu, or you can run it from "Activate.exe" in the VOCALOID folder. Be sure to right-click and run as administrator.



Go ahead and go through activation. Use the default device ("VOCALOID installed hard disk").

And you should be done! Be sure to keep your serial in a safe place, and best wishes everything goes well!

======== Caveat ========
Even in the best scenarios, there are multiple reports in which activation simply just stops working. The activator will accept the code temporarily, but then after a fashion the editor suddenly pretends it's not activated and you'll need to input the code again. (For those worried about the three-activation limit: don't worry, it only counts if it's a different computer.)

The good thing about it is that it does actually accept the code every time it puts it in, although it gets somewhat obnoxious to have to deal with it again and again. If it stops working entirely...there's a way around it, but I'll leave that to you to figure out on your own.

An optional fun thing

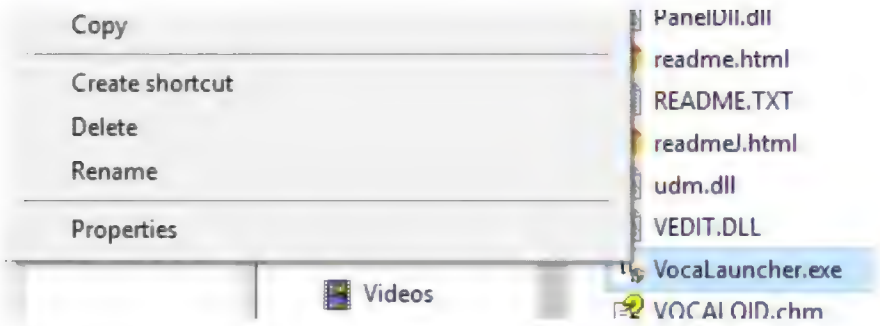
If you're feeling a bit (just a *bit*) adventurous, there's a neat mod called "together with meiko" (めーこといっしょ) that adds some extra functions! Most of these are a bit gimmicky, but LyricSupport (which corresponds to an interface function that was only added in V2 and after) and GuideArrow are particularly helpful, along with ImportVSQx (although that one tends to have more mixed results).
(Warning: **NoSplash does not work on Windows 10**.)

If you'd like to try it out, first download "ままろーやるβ4版", "VocaLauncher(仮名)", and any plugins you might want. (VocaLauncher is theoretically not necessary prior to Windows 10, but the plugins won't run at all otherwise, and so I'll proceed assuming you're going to use it.)

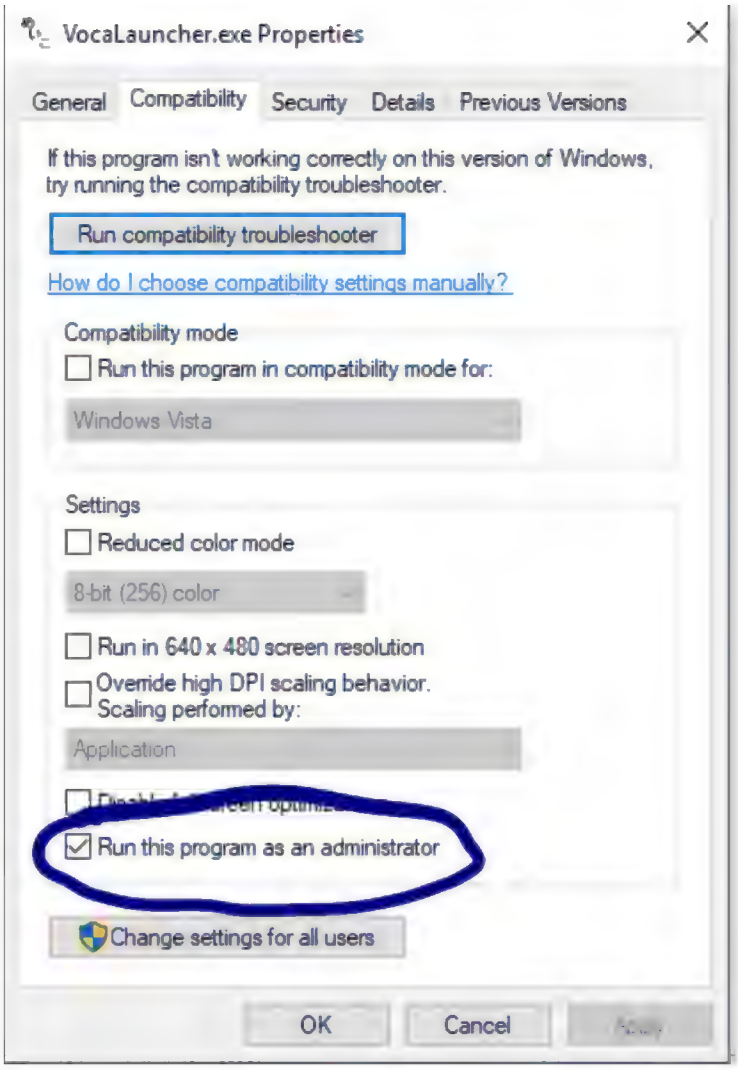
Unzip the contents of "meikosyo004.zip".
Navigate to the folder where you installed V1 (if you followed this guide, it should be "C:\LegacyApps\VOCALOID"). Dump the "Plug-in" folder and "IPHLPAPI.dll" into it.
Then, unzip the contents of "VocaLauncher001.zip", take the "VocaLauncher.exe" file, and dump it into the VOCALOID folder as well.
Finally, unzip the folders for any plugins you download, and dump all of those into the "Plug-in" folder. Your setup should now look like this:

AiconDB	4/20/2017 7:49 PM	File folder	
audiotemp	6/27/2017 3:55 AM	File folder	
expdbdir	4/20/2017 7:47 PM	File folder	
Plug-in	4/27/2017 1:28 AM	File folder	
skin	4/20/2017 7:47 PM	File folder	
UDIC	6/12/2017 4:24 AM	File folder	
voicedbdir	6/27/2017 3:55 AM	File folder	
Activate.exe	7/11/2005 7:18 PM	Application	224 KB
AiconDB.def	2/17/2003 6:37 AM	WDExpress.def.14.0	1 KB
DBM.DLL	4/14/2005 10:09 AM	Application extens...	284 KB
DSCL.dll	8/17/2005 12:13 PM	Application extens...	336 KB
DSE.dll	2/21/2006 12:33 PM	Application extens...	4,300 KB
DSE1_1.dll	6/7/2005 5:59 PM	Application extens...	4,324 KB
g2pa_ENG.dll	5/16/2005 7:31 PM	Application extens...	4,724 KB
g2pa_JPN.dll	7/2/2004 4:29 PM	Application extens...	60 KB
IPHLPAPI.dll	8/19/2009 12:21 AM	Application extens...	60 KB
PanelDll.dll	4/20/2005 5:23 AM	Application extens...	32 KB
readme.html	6/9/2005 10:27 AM	Chrome HTML Do...	8 KB
README.TXT	8/19/2009 12:22 AM	Text Document	2 KB
readmeJ.html	6/9/2005 10:28 AM	Chrome HTML Do...	8 KB
udm.dll	6/7/2005 11:28 AM	Application extens...	184 KB
VEDIT.DLL	4/18/2005 6:26 PM	Application extens...	200 KB
VocaLauncher.exe	1/21/2009 10:43 PM	Application	72 KB
VOCALOID.chm	6/9/2005 12:27 PM	Compiled HTML ...	2,319 KB
VOCALOID.exe	8/17/2005 12:13 PM	Application	4,288 KB
VOCALOID.ini	6/27/2017 3:55 AM	Configuration sett...	2 KB
vocaloiddevice.dll	6/3/2005 10:26 AM	Application extens...	368 KB
VOCALOIDJ.chm	6/9/2005 12:55 PM	Compiled HTML ...	2,370 KB

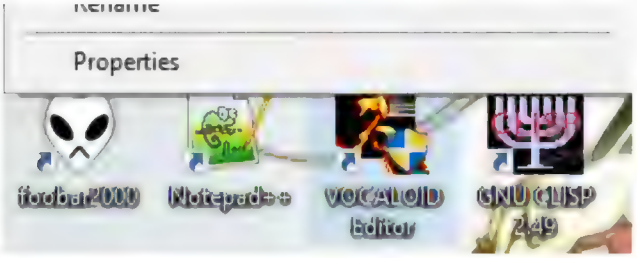
Finally, right-click “VocaLauncher.exe” and select “Properties”:

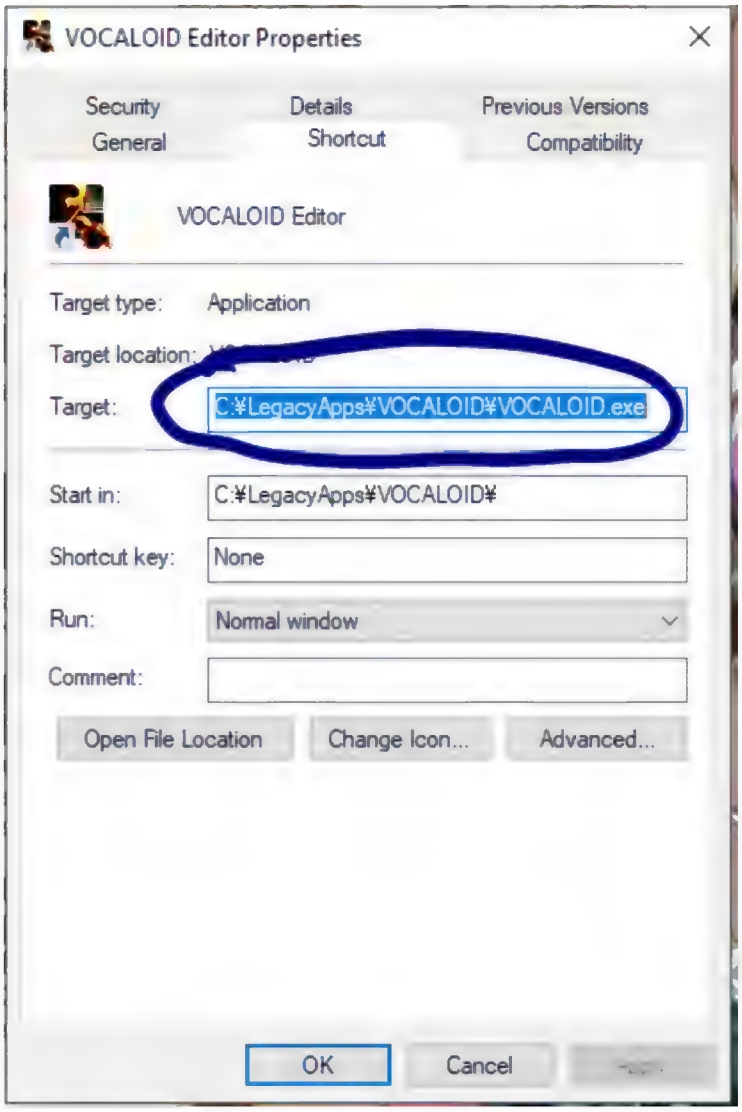


Set the program to run as administrator, then click OK.

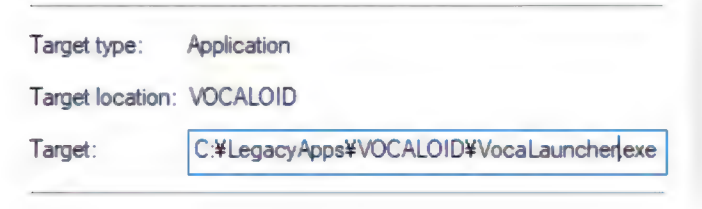


From now on, you'll want to run VocaLauncher.exe instead of VOCALOID.exe, so let's set up our shortcuts to head there. You can do this in Properties:



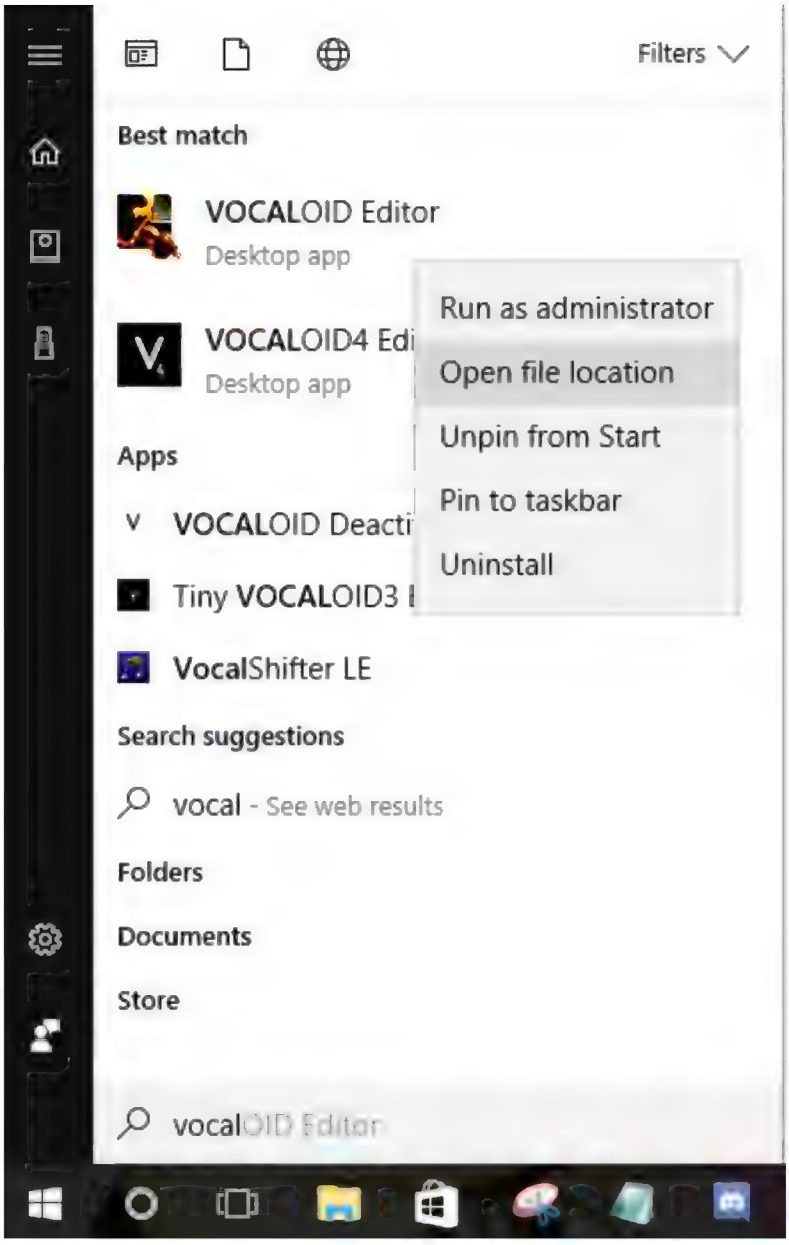


Reroute it to VocaLauncher.exe instead.

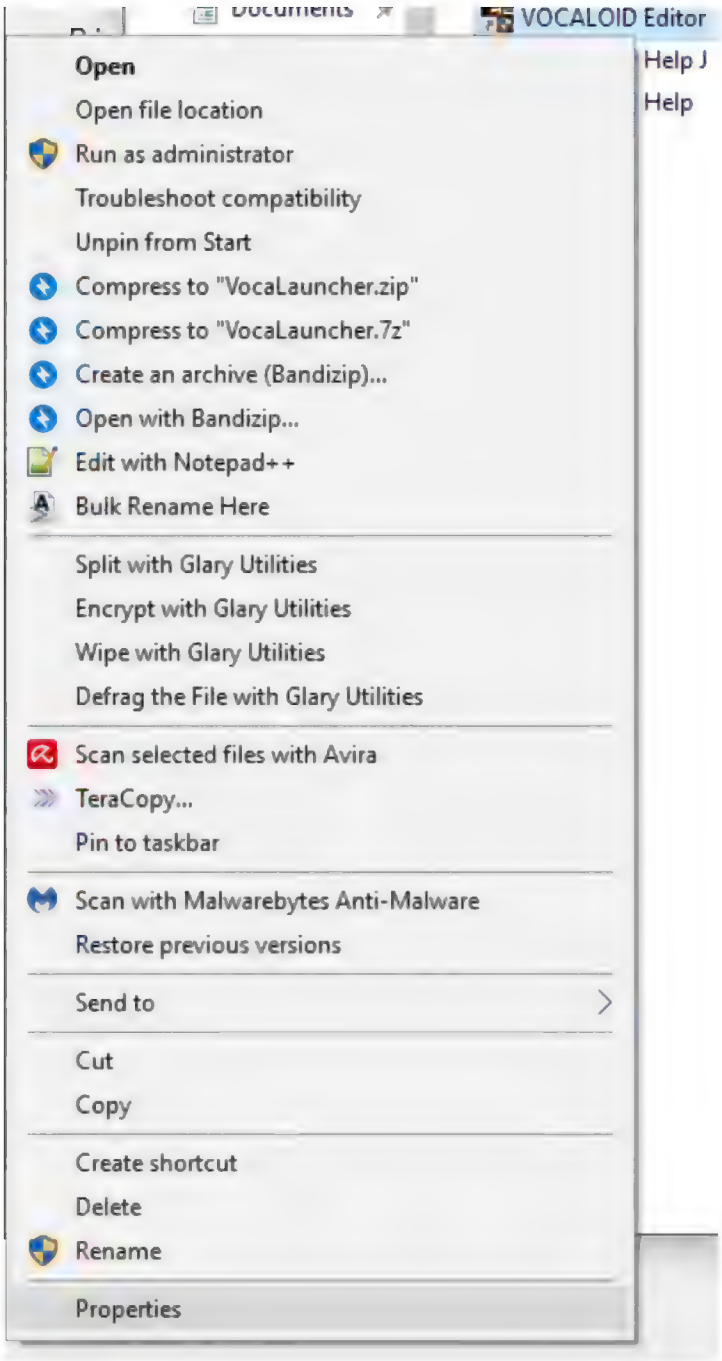


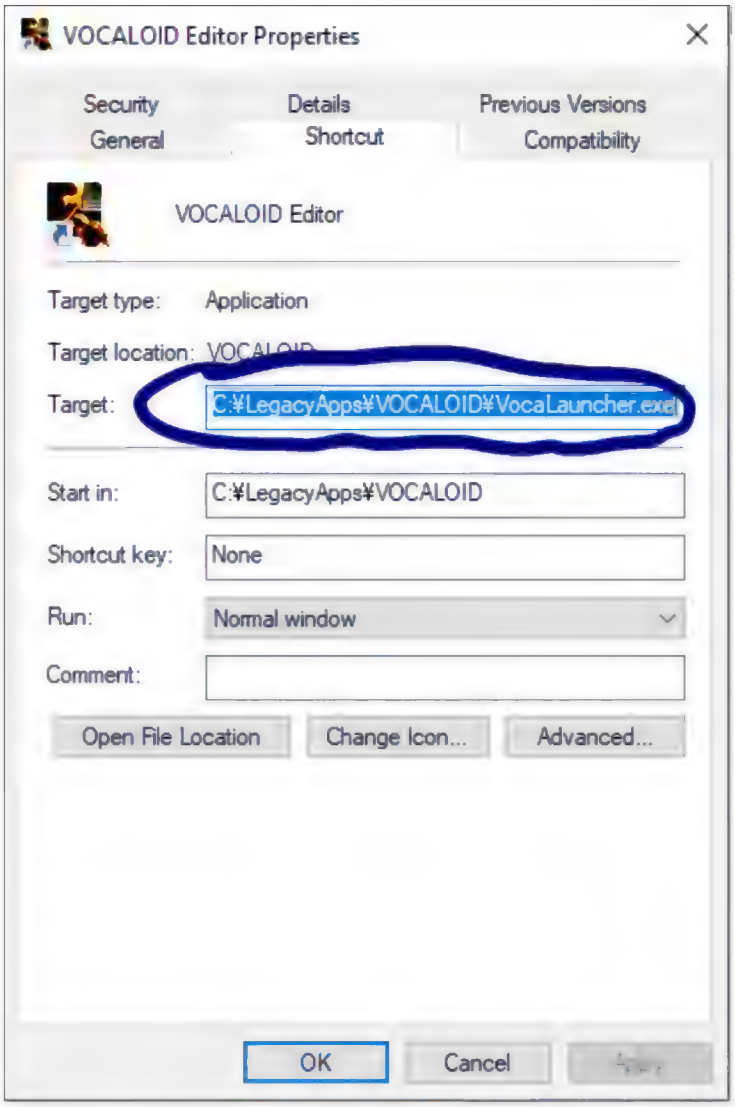
Like so.

You can also do this with the Start Menu shortcut too:



Activate	4/20/2017 7:49 PM	Shortcut	2 KB
Readme J	4/20/2017 7:49 PM	Shortcut	2 KB
Readme	4/20/2017 7:49 PM	Shortcut	2 KB
VOCALOID Editor	4/26/2017 3:12 AM	Shortcut	2 KB
VOCALOID Help J	4/20/2017 7:49 PM	Shortcut	2 KB
VOCALOID Help	4/20/2017 7:49 PM	Shortcut	2 KB


Documents
VOCALOID Editor
Help J
Help
Open
Open file location
Run as administrator
Troubleshoot compatibility
Unpin from Start
Compress to "VocaLauncher.zip"
Compress to "VocaLauncher.7z"
Create an archive (Bandizip)...
Open with Bandizip...
Edit with Notepad++
Bulk Rename Here
Split with Glary Utilities
Encrypt with Glary Utilities
Wipe with Glary Utilities
Defrag the File with Glary Utilities
Scan selected files with Avira
TeraCopy...
Pin to taskbar
Scan with Malwarebytes Anti-Malware
Restore previous versions
Send to
Cut
Copy
Create shortcut
Delete
Rename
Properties



And done, everything's easy!

If you want to remove the plugins, all you have to do is delete "VocaLauncher.exe", the "Plug-ins" folder, and "iphlpapi.bak" (and "IPHLPAPI.DLL", if it exists) from your VOCALOID folder, and it'll be back to normal. But be sure to set your shortcuts back if you do that!

Dealing with the "wrong voice singing" issue

It has been known that in some cases (mostly revolving around LEON, LOLA, and MIRIAM), there have been times that no matter what you do, the wrong voice will sing the playback (or in some cases, no voice will play at all).

There's only one known workaround for this: right-click the track name for every affected track, and change "Play With Synthesis" to "Play After Synthesis". This unfortunately incurs a hassle of

having to re-render the entire track every time you do a preview play -- but it should fix the outstanding problem.

Fixing a botched uninstallation

Unfortunately, V1 has a nasty tendency to mess up in uninstallation halfway (especially if it wasn't installed using the method above), meaning that people trying to do clean reinstalls run into a nasty surprise when the uninstallation messes up and the problem extends even to the reinstall. In order to do a clean installation without nuking the entire computer, we're going to have to do some registry digging. We're going to be in vital territory, so **be careful not to delete things other than what you need to.**

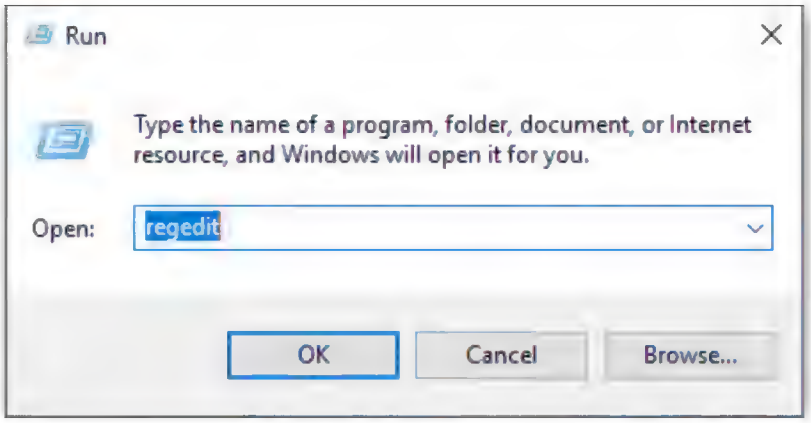
The information for this was taken from a VocaloidOtaku thread (link now dead, sadly), with some extra information added for the remaining V1s.

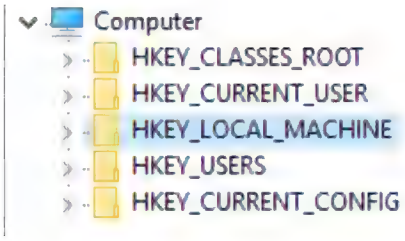
Before you do anything, try and uninstall anything you *can* uninstall via the Control Panel (or the "Apps and features" section, for you fancy people who don't know anything about older OS versions).

Firstly, delete the following folders, if they exist:

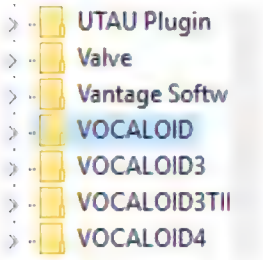
- The Vocaloid installation folder (if you hadn't changed it from the default, chances are it's either "C:\Program Files\VOCALOID" or "C:\Program Files (x86)\VOCALOID")
- The VST plugins (again, if you hadn't changed it from the default, they are likely at "C:\Program Files\Steinberg\VstPlugins\DSE.DLL" and "C:\Program Files\Steinberg\VstPlugins\VOCALOIDInit", or at "C:\Program Files (x86)\Steinberg\VstPlugins\DSE.DLL" and "C:\Program Files (x86)\Steinberg\VstPlugins\VOCALOIDInit").
- "C:\Users\(your username here)\AppData\Local\VOCALOID" and "C:\Users\(your username here)\AppData\Roaming\VOCALOID" (if they exist)

Next, open regedit. You can do this via Start → Run → regedit, or via Windows 8/8.1/10's Start search function.

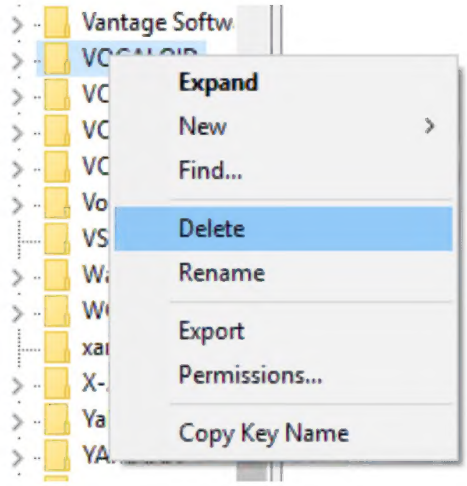




Navigate to HKEY_LOCAL_MACHINE → Software, and look for the folder “VOCALOID”. If you can’t find it, then navigate to HKEY_LOCAL_MACHINE → SOFTWARE → WOW6432Node → VOCALOID.



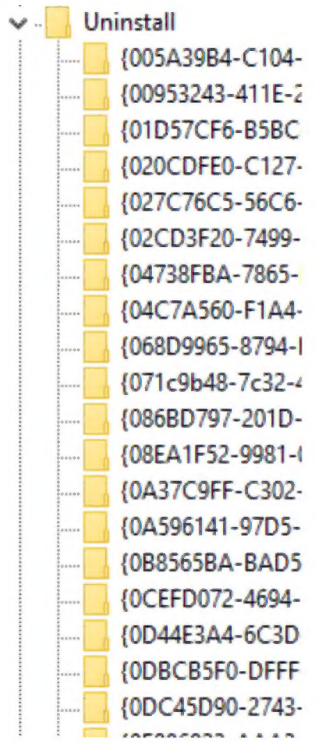
Once you’ve found it, right-click it and click Delete.



You'll be informed that this is a dangerous thing to do, but go ahead and delete it.

Next, we're going to find the folder HKEY_LOCAL_MACHINE → SOFTWARE → Propellerhead Software → ReWire → VOCALOID.
If you can't find it, then it'll be at HKEY_LOCAL_MACHINE → SOFTWARE → WOW6432Node → Propellerhead Software → ReWire → VOCALOID.
(It might be titled "vocaloiddevice" instead of "VOCALOID".)
Do the same thing, delete it.

Finally, we're going to navigate to HKEY_LOCAL_MACHINE → SOFTWARE → Microsoft → Windows → CurrentVersion → Uninstall.



This is where it gets tricky, because we need to delete folders, but only *specific* folders that correspond to the libraries we need to uninstall.

First, delete the following folders, if they exist:

- {0CD3B833-6FDB-4C6D-98E9-853D4B094DF4}
- {73B2A620-685D-431D-A71A-12DB9AFA399A}
- {9B89EB0D-68C3-4E5D-A705-CD8D37DABF50}
- {B123B3B1-C2A0-47E7-AAAB-D1E2DBE259CB}
- {D59BB3F7-22DA-4196-99C0-8B8CDCB688AB}
- {FAC611DA-E445-4D7A-8311-7389C627FA32}

Delete the following folders that correspond to the library (or libraries) you're uninstalling:

LEON

- {2154AF92-3049-42C5-A4C0-83AE99436752}
- {9F3B5588-E05C-4D99-AA2C-459AA6C5F31E}
- {C7904010-6875-4843-8B82-9FC49B2CCC2E}

LOLA

- {18E70170-C334-44BB-ACCA-3DCCC65CE4C7}
- {55EE08EE-77A4-475E-A163-D6A673498ECF}
- {F01C1DBB-E5DE-49BE-97A6-483F128AEFAF}

MIRIAM

- {146303B2-EA46-4BFB-8054-FC75A0D0088B}
- {44F77FBE-828D-4B04-A02B-C70426F65C86}
- {8BBB3758-6759-4086-835B-1D665DBE979F}

MEIKO

- {2FB56B11-9A6F-4962-8598-FE68F9BDBB52}
- {6B5AB2D2-1C9D-4513-B086-EF52F89568FB}

KAITO

- {A0D08A19-EC76-441B-A264-0E71A8F5ABF8}
- {F3292D16-6363-4AB8-85AF-75B61544B678}

Finally, go back to Windows Explorer and navigate to the "C:\Program Files\InstallShield Installation Information" folder, or "C:\Program Files (x86)\InstallShield Installation Information" if that doesn't exist. (Keep in mind that the folder is hidden, so you'll need to type it in the Windows Explorer address bar if you don't have hidden files enabled.)

Then, delete these folders, if they exist:

- {0CD3B833-6FDB-4C6D-98E9-853D4B094DF4}
- {73B2A620-685D-431D-A71A-12DB9AFA399A}
- {9B89EB0D-68C3-4E5D-A705-CD8D37DABF50}
- {B123B3B1-C2A0-47E7-AAAB-D1E2DBE259CB}
- {D59BB3F7-22DA-4196-99C0-8B8CDCB688AB}
- {FAC611DA-E445-4D7A-8311-7389C627FA32}

followed by the folders that correspond to the libraries you're removing (which I'll repeat again for convenience):

LEON

- {2154AF92-3049-42C5-A4C0-83AE99436752}
- {9F3B5588-E05C-4D99-AA2C-459AA6C5F31E}
- {C7904010-6875-4843-8B82-9FC49B2CCC2E}

LOLA

- {18E70170-C334-44BB-ACCA-3DCCC65CE4C7}
- {55EE08EE-77A4-475E-A163-D6A673498ECF}
- {F01C1DBB-E5DE-49BE-97A6-483F128AEFAF}

MIRIAM

- {146303B2-EA46-4BFB-8054-FC75A0D0088B}
- {44F77FBE-828D-4B04-A02B-C70426F65C86}
- {8BBB3758-6759-4086-835B-1D665DBE979F}

MEIKO

- {2FB56B11-9A6F-4962-8598-FE68F9BDBB52}
- {6B5AB2D2-1C9D-4513-B086-EF52F89568FB}

KAITO

- {A0D08A19-EC76-441B-A264-0E71A8F5ABF8}
- {F3292D16-6363-4AB8-85AF-75B61544B678}

Then, once you've restarted your computer, everything should be clean.

Final notes

For the most part, if you've followed this guide, this should probably take care of any outstanding issues that come with installing and maintaining the V1 editor, which means that hopefully you can enjoy your new V1 life without too much stress. On top of that, it seems like installing it properly also cuts down on some unexplained behavior that would occur otherwise (random freezes, etc.).

This being V1, which remains somewhat fickle, you might still get some things here and there -- rendering might slow quite a bit if you're low on RAM or doing some complicated note patterns, and some weird things with the singer editor might happen. But as far as functionality goes, for the most part things should be okay, and you should be able to enjoy the capabilities of V1 to its fullest.

Hopefully things work out for you, and good luck!